

PASTUKHOV, F.I. inzhener-marksheyder.

Orientation through three vertical shafts connected at various levels.
Gor.zhur. no.9:69-71 S '57. (MLHA 10:9)

1. Bystrushinskiy rudnik.
(Mine surveying)

PASTUKHOV, G.I., inzh.

New method of drainage for open-pit mines. Ugol'.prom. no.1:43-
47 Ja-P '62. (MIRA 15:8)

1. Trest "Kiyevgeologiya".
(Mine drainage) (Strip mining)

RAKOVSKIY, V.Ye.; KOTKOVSKIY, A.P.; MAL', S.S.; PASTUKHOV, G.M.;
BARANCHIKOVA, M.I.; VOLOSOVICH, N.S.; DROZHALINA, N.D.;
KASHIRINA, S.V.; MAKEYEVA, G.P.

Results of testing a pilot unit for processing tar water.
Trudy Inst. torfa AN BSSR 7:240-257 '59. (MIRA 14:1)
(Peat gasification) (Industrial wastes)

TROYB, S.G.; CHERNYATIN, A.N.; PASTUKHOV, G.M.

Classification of compacted excavator peat. Gaz. prom. 5
no. 12:15-17 D '60. (MIRA 14:1)
(Peat gasification)

MALIKOV, K.V.; KANOVA, R.A.; KARASIK, G.S.; LINETSKIY, N.S.;
PASTUKHOV, G.M.; PUSHKINA, G.A.

Simultaneous gasification of peat and peat tar. Gaz. prom. 8
no.2:15-17 '63. (MIRA 17:8)

VISHNEVSKIY, A.P.; MAMATKAZIN, L.V.; PASTUKHOV, I.F.

Methods for fatigue testing of test machine parts. Zav. lab. 31
no. 12:1506-1508 '65 (MIRA 19:1)

711-745 NOV. 1 F.

PASTUKHOV, I.F.

Instrument for the preparation of wooden wedges for electric motors
of all sizes. Torf.prom. 34 no.6:35 '57. (MIRA 10:12)

1. Sitnikovskoye torfopredpriyatiye.
(Woodworking machinery)

IGON'KINA, V.M., inzhener; PASTUKHOV, I.F., inzhener.

Measures for reducing cable wear on the UPF and SVF machines.
Torf. prom. 34 no.4:21-24 '57. (MLRA 10:6)

1. Sitnikovskoye torfopredpriyatiye.
(Electric cables)

PASTUKHOV, I.M.

Measuring small radii of curves. Izv.tekh. no.8:26-27 Ag '62.

(MIRA 16:4)

(Length measurement)

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,
p 154 (USSR) 15-57-8-11233

AUTHOR: Pastukhov, I. P.

TITLE: Age of the Copper Pyrites in the Deposits of the
South Urals (Novoye o vozraste mednokolchedannykh
mestrozhdenny na Yuzhnom Urale)

PERIODICAL: V sb: Materialy po geol. poleznym iskopayemym
Yuzhnogo Urala Nr 1, Moscow, Gosgeoltekhizdat, 1956,
pp 59-63

ABSTRACT: The author presents new facts established in one of
the newly opened copper pyrite deposits of the South
Urals. The most important of these is the presence of
ore accumulations not only in the diabase-albitophytic
group of rocks, but in the limestones covering them.
The abundant fauna of the Givetian stage are en-
countered both in these limestones and in the seams of

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15-57-8-11233

Age of the Copper Pyrites (Cont.)

limestone among the tuffs of the diabase-albitophytic formation, as well as in the tuffs themselves. As one would expect, the ores are somewhat dependent on their spatial position. Otherwise, they are completely homogeneous. Mineralization apparently occurred in the Middle Devonian time, as evidenced by the identity of age of the carbonate and effusive rock, their connection and that of other rock with the pyrites, and their nearly complete homogeneity. The new data on the stratigraphic correlation of the copper pyrite deposits of the South Urals are an important prospecting criterion.

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I. D. Gol'denberg

PASTUKHOV, I.P.

Stratigraphic position of basic effusive rocks in a cross section
of the Uchaly and 19th Party Congress pyrite deposits. Razved. i
okh. nedr 27 no.12:1-3 D '61. (MIRA 15:3)

1. Uchalinskaya geologorazvedochnaya partiya.
(Ural Mountains--Pyrites)

NESTOYANOVA, O.A.; PASTUKHOV, I.P.

Age of the ore-bearing formations of the Uchaly and 19th Party
Congress pyrite deposits. Mat.VSEGEI.Ob.ser. no.28:167-169 '60.
(MIRA 14:6)
(Ural Mountains--Pyrites)

PASTUKHOV, I.P.

New information regarding the age of chalcopyrites in the Southern
Urals. Mat.ps geol. i pol.iskop. IUsh.Urala no.1:59-63 '56.

(MIRA 10:3)

(Ural Mountains--Chalcopyrite)

PASTUKHOV, I.P.

Ozernoye pyritic copper deposit in the Southern Urals. Razved.i
okh.nedr. 28 no.4:13-15 Ap '62. (MIRA 15:4)

1. Uchalinskaya geologorazvedochnaya ekspeditsiya.
(Ural Mountains--Chalcopyrite) (Prospecting--Geophysical methods)

VAYSMAN, A. M., inzh.; PASTUKHOV, I. V., inzh.

Promoting technical development. Bezop. truda v prom. 6 no.9:
16-17 S '62. (MIRA 16:4)

1. Neftepromyslovoye upravleniye Ishimbayneft'.

(Ishimbay region—Oil fields—Production methods)

BAKHTIYAROV, A.S.; PASTUKHOV, I.V.; STEPANCHIKOV, Ye.A.

Industrial experience in the thermal treatment of wells with
a thermal injector. Nefteprom. delo no.4:17-20 '63.
(MIRA 17:8)

1. Neftepromyslovoye upravleniye "Ishimbayneft".

PASTUKHOV, K.

Engineer's job. Pozh.delo 8 no.4:19-20 Ap '62. (MIRA 15:4)

1. Inspektor Upravleniya pozharney okhrany, Saratov.
(Fire prevention--Inspection)

PASTUKHOV, K. (Saratov)

The road toward mastery. Pozh.delo 8 no.8:19 Ag '62.
(MIRA 15:8)
(Firemen) (Physical education and training)

CIA-RDP86-00513R001239

PASTUKHOV, M.K.

Diamondback cabbage moth. Zashch. rast. ot vred. i bol.
9 no.5:42-44 '64. (MIRA 17:6)

1. Zoologicheskii institut AN SSSR.

PASTUKHOV, M.V., aspirant

Trailer for the transportation of the RU-725-B X-ray apparatus.
Veterinariia 41 no.3:108-109 Mr '65. (MIRA 18:4)

1. Latviyskaya sel'skokhozyaystvennaya akademiya.

PASTUKHOV, N.A. (g.Kuznetsk, Penzenskaya obl., Varshavskaya ul., d.32)

Late results of mitral commissurotomy in the light of electrocardiographic data. Grud. khir. 2 no.3:19-24 My-Je '60.

(MIRA 15:3)

1. Iz gosspital'noy khirurgicheskoy kliniki pediatricheskogo fakul'teta (zav. - prof. A.V. Gulyayev) i II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(MITRAL VALVE—SURGERY)

(ELECTROCARDIOGRAPHY)

PASTUKHOV, N.A., kand. med. nauk

Electrocardiographic observations during intracardiac interventions in acquired heart defects. Kardiologiya 5 no.2: 56-59 '63 (MIRA 17:2)

1. Iz gosptal'noy khirurgicheskoy kliniki (zav. - prof. A.V. Gulyayev) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

PASTUKHOV, N.A., kand.med.nauk

Successful heart massage in clinical death following thoraco-abdominal injury. Khirurgiia no.10:142-143 '64.

(MIRA 18:8)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - zasluzhennyi vrach RSFSR S.I.Borisenko) Vladivostokskogo meditsinskogo instituta.

PASTUEHOV, N.A.

Dynamics of the functional state of the myocardium in the postoperative period following mitral commissurotomy in the light of electrocardiographic data. Khirurgiia 35 no.10:35-42 0 '59. (MIRA 12:12)

1. Iz gosital'noy khirurgicheskoy kliniki (zav. - prof. A.V. Gulyayev) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo instituta im. N.I. Pirogova.

(COMMISSUROTOMY)

(ELECTROCARDIOGRAPHY)

(MYOCARDIUM physiol.)

USSR/Diseases of Farm Animals - Diseases Caused by Bacteria
and Fungi.

R-2

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64634

Author : Ovsyanov, N.I., Pastukhov, M.I.

Inst : All-Union Institute of Experimental Veterinary Medicine.

Title : Eradication of Paratyphoid on a Farm by a Complex of
Measures Combined with Synthonycin Therapy of Affected
Piglets.

Orig Pub : Tr. Vses. in-ta eksperim. veterinarii, 1957, 20, 333-336.

Abstract : No abstract.

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PASTUKHOV, N.A.; kand. med. nauk

Surgical treatment of varicose veins in the lower extremities.
Sov. med. 28 no.11:95-98 N '65. (MIRA 18:11)

1. Gorodskaya klinicheskaya bol'nitsa (glavnyy vrach A.D.
Muzalevskaya), Vladivostok.

PASTUKHOV, N.A.

Case of fat embolism in closed fracture of the femur. Ortop.
travm. i protez 19 no.2:65-66 Mr-Ap '58 (MIRA 11:5)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. A.V.
Gulyayev) 2-go Moskovskogo instituta im. N.I. Pirogova.
(FEMUR, fract.)

closed, causing fat embolism (Rus))

(EMBOLISM, etiol. & pathogen.

fat, caused by closed fract. of femur (Rus))

PASTUKHOV, N.I.

Changing the design of slip rings. Sbor. rats. predl. vnedr.
v proizv. no.2:50 '61. (MIRA 14:7)

1. Novolipetskiy metallurgicheskiy zavod.
(Cranes, derricks, etc.—Electric equipment)

PASTUKHOV, NIKOLAI SEMENOVICH

VARDIN, Grigoriy Dmitriyevich; KANEVTSOV, Valeriy Mikhaylovich, kandidat
tekhnicheskikh nauk; ARVAN, Gitsel' Kalmenovich; PASTUKHOV,
Nikolay Semenovich, inzhener

[Device for machining body parts on vertical turning lathe. New chuck
for gripping conical surfaces. Device for cutting elastic washers
on lathes. Work practices with multispindle automatic lathes]
Povorotnoe prispособlenie dlia obrabotki korpusnykh detalei na
karusel'nykh stankakh. Novyi patron dlia zashima konicheskikh
poverkhnostei. Prispособlenie dlia rubki prushiniashchikh shayb
na tokarnom stanke. Opyt raboty na mnogospindel'nykh tokarnykh
avtomatakh. Moskva, 1956. 13 p. (Peredovoi proizvodstvenno-
tekhnicheskii opyt. Ser.10, Tokarnye raboty. No.T-56-150/4)
(MLHA 10:9)

1. Moscow. Institut tekhniko-ekonomicheskoy informatsii
(Machine tools--Attachments)

~~Andriyevskiy, Yush.~~ (HISTORICAL COPY)

VARDIN, Grigoriy Dmitriyevich; KANEVTSOV, Valeriy Mikhaylovich, kandidat
tekhnicheskikh nauk; ARVAN, Getsel' Kalmanovich; PASTUKHOV,
Nikolay Semenyich, inzhener

[Device for machining body parts on vertical turning lathe. New chuck
for gripping conical surfaces. Device for cutting elastic washers
on lathes. Work practices with multispindle automatic lathes]
Povorotnoe prispособlenie dlia obrabotki korpusnykh detalei na
karusel'nykh stankakh. Novyi patron dlia zashima konicheskikh
poverkhnostei. Prispособlenie dlia rubki pruzhinishechikh shaib
na tokarnom stanke. Opyt raboty na mnogoshpindel'nykh tokarnykh
avtomatakh. Moskva, 1956. 13 p. (Peredovoi proizvodstvenno-
tekhnicheskii opyt. Ser.10, Tokarnye raboty. No.T-56-150/4)

(MLHA 10:9)

1. Moscow. Institut tekhniko-ekonomicheskoy informatsii
(Machine tools--Attachments)

BROVKO, Aleksey Ietrovich, Voronezh, V.S., reitsenzent;
V.Ye., reitsenzent; ZAKHAROV, A.I., reitsenzent; KROFACHEV,
V.I., reitsenzent; PASHKOV, N.V., reitsenzent;
PEREGUDOV, V.V., reitsenzent; PONOMAREV, V.A., reitsenzent;
RUDEV, A.M., reitsenzent; KHODURSKIY, Ye.A., reitsenzent;
SMIRNOV, A.A., inzh., reitsenzent

[Contact networks on strip lines] kontaktnaya set' na
karterakh. Moskva, Nedra, 1964. 207 p. (Mikroelektronika).

1. Inzhenerno-tekhnicheskoye rabotniki Kirovskoye gosudarstvennoye
ogol'nykh preopriyatiy (for all except Brovko).

PASTUKHOV, O.A., inzh.

Ultimate speed of grabbing elements in automatic feeding and orienting
units. Trudy TMI no.16:99-108 '62. (MIRA 17:2)

KLUSOV, I.A., kand.tekhn.nauk, dotsent; PASTUKHOV, O.A., ~~1944b~~.

Interprovincial conference on automatic rotary lines in
Tula. Vest.mash. 41 no.11:81-82 N '61. (MIRA 14:11)
(Machine tools) (Automation)

SHAKHNOVICH, B.M.; PASTUKHOV, O.L.

Experience in the purification of flume waters on hydrocyclone units. Sakh. prom. 37 no.4:27-29 Ap '63. (MIRA 16:7)

1. Ukrainskiy gosudarstvennyy institut po proyektirovaniyu predpriyatiy sakharney promyshlennosti.
(Industrial wastes—Purification)

PASTUKHOV, O.V.

Manufacture and repair of electric truck wheels. Mashinostroitel'
no.9:21 S '64. (MIRA 17:10)

PASTUKHOV, P.; YEZERSKIY, M., instruktor-kulinar (g.Odessa)

Home cooking. Obshchestv. pit. no.9:60-61 S '61.
(MIRA 14:11)

(Cookery)

PASTUKHOV, P. S., CAND AGR SCI, "EFFECT OF THE FEEDING LEVEL
✓ ^{upon} ~~of~~ THE GROWTH AND DEVELOPMENT OF HEIFERS OF THE ALATAUSKAYA
^{breed} ~~STRAIN~~ AND THEIR SUBSEQUENT MILK PRODUCTIVITY." ALMA-ATA,
1961. (MIN OF AGR KAZSSR. ALMA-ATA ZOOVET INST). (KL-DV,
11-61, 225).

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PASTUKHOV, P.S., aspirant

Economics of different types of feeding. Zhivotnovodstvo 20
no.11:38-41 N '58. (MIRA 11:11)

1. Kazakhskiy institut zhivotnovodstva.
(Dairy cattle--Feeding and feeding stuffs)

LEVITSKAYA, K.V.; PASTUKHOV, P.T.; DANILOV, S.N.

Properties of viscose as affected by oxidizing and reducing agents.
added to it. Zhur.prikl.khim. 33 no.4:896-902 Ap '60.
(MIRA 13:9)

(Viscose)

(Oxidation--Reduction reaction)

S/080/60/033/04/24/045

AUTHORS: Levitskaya, K.V., Pastukhov, P.T., Danilov, S.N.
 TITLE: The Distribution of Carbon Bisulfide in Viscose¹ Depending on the Conditions.
 Communication 10.
 PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol 33, Nr 4, pp 890 - 896

TEXT: The distribution of carbon bisulfide in the main and side products affects essentially the properties of viscose. The effect of a temperature increase during different stages of viscose production on the carbon bisulfide distribution was investigated in order to find the best conditions for a continuous process of viscose production. The experiments were carried out with sulfite cellulose of the following characteristics: α -cellulose 92.4%, ash content 0.25%, viscosity 230 centipoise, swelling number 3.4, weight of 1 m² 377 g. It has been shown that an increase in the temperature of mercerization (up to 40°C), pre-ripening (up to 35°C) and xanthogenation (up to 30 - 40°C) does not promote a more favorable distribution of carbon bisulfide. The total sulfur content in viscose was 1.8 - 2.2%, of which 65 - 72% pertained to zanthogenate sulfur and 28 - 35% to side products. Viscosities suitable for spinning can be obtained by heating viscose to 35 - 40°C after or at the end of dissolution in the

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3/080/60/033/04/24/045

The Distribution of Carbon Bisulfide in Viscose Depending on the Conditions.
Communication 10.

course of 1.5 hours avoiding the long-lasting stage of ripening in the viscose cellar, which is important in connection with speed-up production methods. With a decrease in the degree of squeezing (from 3 to 7) and consequently with an increase in the alkali content in alkali cellulose the percentage of trithiocarbonate rises to 35 - 50%. The rise of the quantities of xanthogenates formed is more considerable (by 6 - 8% higher) than in the case of an increase in the mercerization temperature. A decrease of the xanthogenation temperature to 10 - 12°C reduces the quantity of side products considerably, but it decreases also the total sulfur content in viscose, i.e. the degree of xanthogenation drops.

There are: 4 tables and 13 references, 12 of which are Soviet and 1 German.

ASSOCIATION: Leningradskiy tekhnologicheskii institut im. Lensovet a Institut vyso-
komolekulyarnykh soyedineniy (Leningrad Technological Institute imeni
Lensovet and Institute of High-Molecular Compounds)

SUBMITTED: November 14, 1959

Card 2/2

LEVITSKAYA, K.V.; PASTUKHOV, P.T.; DANIKOV, S.N.

Distribution of carbon disulfide in viscose, as determined by
the conditions of the process. Zhur.prikl.khim. 33 no.4:
890-896 Ap '60. (MIRA 13:9)

1. Leningradskiy tekhnologicheskiy institut im. Lenseveta i
Institut vysokomolekulyarnykh soyedineniy.
(Viscose) (Carbon disulfide)

PASTUKHOV, P. T.

Lensovet Chem. Technol. Inst., Leningrad.

"Hydro- and Solvolytic and Intramolecular Oxidation-Reduction. I. Acetolysis of Cellulose as Solvolytic Oxidation-Reduction," J. Gen. Chem., 17, 1947.

"Isomerization of Hydroxyaldehydes. XI. Mutarotatory, Epimeric and Cleavage Conversions of Cellobiose, *ibid.*, 16, 1946.

PASTUKHOV, P. T.

"Isomerization of Oxy-Alde-Hydes. XI. Mutarotatory,
Epimeric and Splitting Conversions of the
Cellobiase," Zhur. Obshch. Khim., 16, No. 6, 1946;

PASTUKHOV, P.T.,
S. N. DANILOV, Iskusstvennoe Volokno 5, No. 1, 19-26 (1934)

Pastukhov, I. F.

PASTUKHOV, I. F.

Vulcanizing splices and ends of cables. Torf.prom. 34 no.5:35
'57. (MIRA 10:10)

1. Sitnikovskoye torfopredpriyatiye.
(Vulcanizing) (Electric cables)

Hydro- and autocatalytic and intramolecular oxidation-reductions. I. Acetolysis of cellulose as autocatalytic oxidation-reduction. N. N. Panikova and P. I. Pastukhova (Leningrad Chem. Technol. Inst., Leningrad). *J. Gen. Chem.* (U.S.S.R.), 17, 1140 (1947) (in Russian). Acetolysis of lichened cotton linters (I), moisture 6.8, ash 0.12, and of triacetylcellulose (II), moisture 7.1, AcOH 61.5-60.9, H₂SO₄ 0.16, was accomplished by the procedure of Pirrie and Hirst (C. A. 21, 4001) at 30° in the presence of H₂O, 75% and 30-75% of the wt. of the initial I and II, resp. Determinations of the iodine no. I and % AcOH in the prod. product were made every 24 hrs. In the case of I, η_{inh} falls rapidly in the 1st 48 hrs., then slowly; AcOH increases steadily to 74% in 168 hrs., η_{inh} increases to 64 and higher. With II, η_{inh} falls in the beginning (up to 20 hrs.), then rises slowly. AcOH first increases (to 71.5% in 168 hrs.) then decreases, η_{inh} increases as with I. By the high AcOH and the medium η_{inh} , acetolysis of I results in accumulation of cellobiose and partly of glucose pentaacetate, whereas, judging by the low AcOH and the high η_{inh} , the effect on II is part deacetylation and decompn. to glucose pentaacetate, the major part of the product being cellobextrin sulfonates, thus, preliminary formation of II is unfavorable for acetolysis. By the formula of Freudenberg and coworkers (C. A. 23, 1406), the rate const. of the acetolysis (with the degree of decompn. derived from η) is $(8.6 - 10.0) \times 10^{-4}$ and $(8.0-9.6) \times 10^{-4}$ for I and II, resp. The change of the degree of polymerization n (calcd. from the AcOH no.) is

Illustrated by (H, m), 100 hrs., $\alpha = (I) 8.6, 2.0, 1.4$, (II) 8.0, 3.0, 1.9. Along with the octoic acid derivatives, only 1, acetate present, A-CIII and m, the composition of the product at various stages was investigated by the known acetate derivative. Following the method of Pines (C.A. 26, 3485); III: 1 AcOH acts only on monomeric halides and on oligosaccharides, not on cellulose or on cellulose derivatives. Steps of the various fractions after treatment with HBr + AcOH, in particular, isolation of the cellulose octoacetate III derivative, is facilitated by the use of $HClO_4$ instead of H_2SO_4 , owing to the absence of mixed inorg.-org. esters with $HClO_4$. By this procedure, acetylation of (H): 1 with $HClO_4$, 225 ml. glacial AcOH, 225 ml. Ac₂O, 20 ml. 60% $HClO_4$, at 30°, gave, after 20 days, α -III with a yield of 58.3% of the theory; in the filtrate, α -glucose pentaacetate, some α -III and, apparently, cellulose acetate were identified; no acetyllulose or cellulose acetate were found. Formation of α -III is gradual, only small amounts of it being found after the 1st 3 days; along with acetyllulose, some acetylation takes place to acetyllulose and acetyllulodextrins which disappear gradually; glucose pentaacetate (IV) is formed from the very first days. The stability of α -III in the acetylytic mixt. was tested over 7 days, resulting, at 30°, in the recovery of 85% α -III, and some IV isolated from the syrupy residue; at 20°, the recovery was 90.0%. Both β and α -IV are highly unstable in the acetylytic mixt. In view of detg. the optimum conditions for highest yields of III, H_2SO_4 was replaced by HNO_3 , SO_3 , or $HClO_4$. With HNO_3 , no acetylysis takes place.

PASTURNOV, S. D. [Co-author]

See: CHUFARIN, V. S.

PASTURNOV, S. D. A Guide to the Control of Pests and Diseases of Agricultural Plants, 1945.

SO: SIRA SI-90-53, 15 Dec. 1953

PASTUKHOV, S. F.

Stakan, G. A. and Pastukhov, S. F. "The characteristics of the pedigree Merino sheep-breeding sovkhos 'Sovets oye runo'," Sbornik nauch. rabot (Sesoyuz. nauch.-issled. in-t ovtsevodstva i kozov dstva), Issue 17, 1948, p. 56-86, - Bibliog: 11 items.

SO: U-4355, 14 August 53, (Ietopis 'Zhurnal 'nykh Statey, No. 15, 1949.)

STAKAN, G. A., PASTUKHOV, S. F.

Feeding and Feeding Stuffs

Increasing wool clip and wool quality of fine-wooled sheep of different physical types.
Sov. zootekh. 7 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1953~~, Uncl.

PRISTUPLYUK, N.I.; PASTUKHOV, S.S., inzh., red.; UVAROVA, A.F., tekhn. red.

[Technology of founding; a laboratory manual] Tekhnologiya liteinogo
proizvodstva; laboratornyi praktikum. Izd. 2. Moskva, Gos. nauchno-
tekhn. izd-vo mashinostroit. lit-ry, 1958. 54 p. (MIRA 11:7)
(Founding)

YEMELIN, V., inzh.; MARCHENKO, N.; PASTUKHOV, V., inzh.; MIRONOV, A.,
inzh.; VITMAN, K., inzh.; BOBORYKIN, Ye., inzh.

New developments in the building practice. Na stroi.Ros. 4
no.6:4, 6, 10, 19, 21 Je '63. (MIRA 16:6)
(Building—Technological innovations)

PASTUKHOV, V.A.

Vascular and motor-secretory reactions of the small intestine to different stimuli under normal conditions and in experimental neurosis.
Fiziol.zhur. 47 no.8:997-1003 Ag '61. (MIRA 14:8)

1. From the Laboratory of Cortico-Visceral Pathology, I.P.Pavlov
Institute of Physiology, Leningrad.
(INTESTINES) (NEUROSES)

BOLONDISKIY, V.K.; PASTUKHOV, V.A.

Analysis of intestinal movements in persons with a resected stomach following the action of a mechanical and of some alimentary stimulants. Trudy Inst. fiziol. 9:181-189 '60. (MIRA 14:3)

1. Laboratoriya kortiko-vizeral'noy patologii (zaveduyushchiy - I.T.Kurtsin) i Khirurgicheskiy sektor (zaveduyushchiy - V.I.Sazonov [Deceased]) Instituta fiziologii im. I.P.Pavlova.
(INTESTINES) (STOMACH)

PASTUKHOV, V.D.

Autumn and early winter distribution of the Baikal seal. *Izv.Sib.*
otd.AN SSSR no.2:108-115 '61. (MIRA 14:3)

1. Baykal'skaya limnologicheskaya stantsiya Vostochno-Sibirskogo
filiala Sibirskogo otdeleniya AN SSSR.
(Baikal Lake--Seals(Animals))

PASTUKHOV, V.D.

Ecology of dippers wintering near the outlet of the Angara River.
Zool. zhur. 40 no.10:1536-1542 0 '61. (MIRA 14:9)

1. Baykal Limnological Station, U.S.S.R. Academy of Sciences,
settlement of Listvenichnoye, Irkutsk region.
(Angara Valley--Dippers (Birds))

PASTUKHOV, V.D.

Wintering of ducks on the Angara. Priroda 50 no.1:125-126 Ja '61.
(MIRA 14:1)

1. Baykal'skaya limnologicheskaya stantsiya AN SSSR.
(Angara River—Ducks)

PASTUKHOV, V.M., inzh.

Causes of the damage of the front winding sectors of
electrical motors. Elektrotehnika 36 no.8:16-17 Ag '64.
(MIRA 17:9)

SEMKOV, Angel, prepodavatel'; CHOKOYEV, Zhivko, prepodavatel';
OSTAPENKO, N.N., red.; PASTUKHOV, V.M., red.; KOVAL'ZON, P.P.,
red.; DORODNOVA, L.A., tekhn.red.

[Training workers in machining metals in industrial schools]
Podgotovka rabochikh po metalloobrabotke v promyshlennykh uchi-
lishchakh. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat,
1960. 44 p. (MIRA 13:11)

1. Promyshlennoye uchilishche po metalloobrabotke goroda Ruse
Bolgarskoy Narodnoy Respubliki (for Semkov, Chokoyev).
(Machine shop practice--Study and teaching)

PASTUKHOV, V.; NIKITICHEV, V.

Study the progressive experience of builders. Prof.-tekh. obr. 14
no.9:18 S '57. (MLRA 10:4)
(Building trades--Study and teaching)

44 310 3/101 4

AUTHORS: Pastukhov, V., and Nikitichev, V. 27-9-11/30

TITLE: To Study the Latest Achievements in Building (Izuchat' peredovoy opyt stroiteley)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, No 9(148) page 18 (USSR)

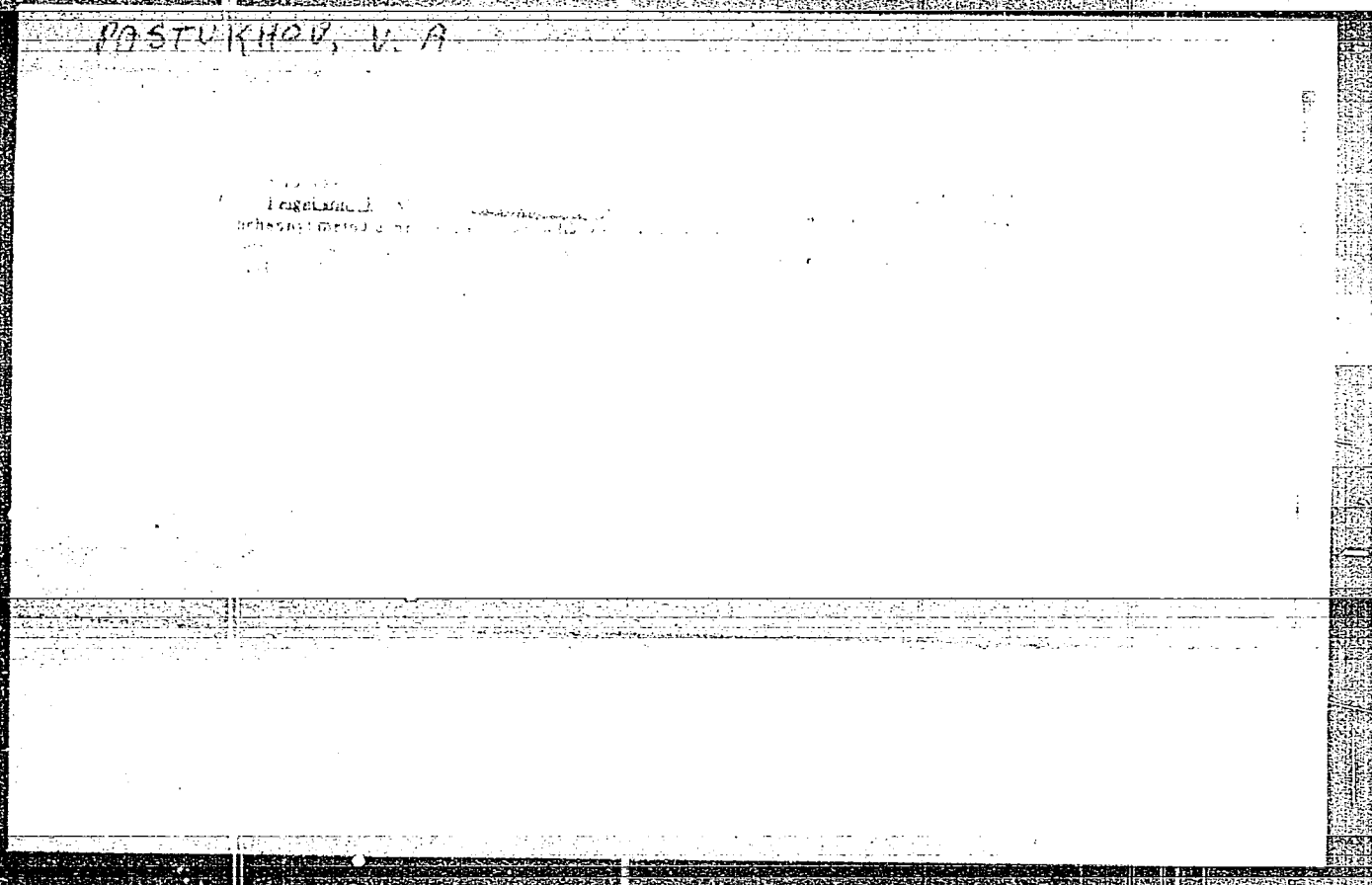
ABSTRACT: It was one of the objects of the Ukrainian Seminar conducted at Dnepropetrovsk to acquaint the participants with experiences gained by Building Schools Nr. 3, 4 and 9 and Technical School Nr. 4 (Tekhnicheskoye uchilishche Nr. 4) in organizing classrooms, workshops, laboratories and pedagogical rooms. The Dnepropetrovsk Oblast Administration (Dnepropetrovskoye oblastnoye upravleniye), the Oblast Methodical Section (Oblastnoy metodicheskiy kabinet) and the pedagogical collectives of the building schools have performed a great task in creating the material and technical basis for qualified cadres. The article then describes the equipment the individual schools possess pointing out that it also served to assist the teachers in their work. In 1957 and 1958, by order of the Government, the building schools will be transformed into schools with a 2-year training course. There is one photo.

AVAILABLE: Library of Congress
Card 1/1

PASTWA, T.

Technical-investment control on the state farms. p. 2³.
(BUDOWNICTWO WIEJSKIE. Vol. 8, no. 9, Sept. 1956, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.



FEYDEL'SON, Ye.M.; PASTUKHOV, V.A.

Simplified method of calculating elongated indicatrices in problems
of atmospheric optics. Izv.AN SSSR.Ser.geofiz. no.5:541-548 My '56.
(MLRA 9:8)

1. Akademiya nauk SSSR, Geofizicheskiy institut.
(Atmospheric transparency)

PASTUKHOV, V.I. (Parizh)

Production of woodpulp from hardwood in France. Bum.prom. 35 no.11:
31 H '60. (MIRA 13:11)

(France--Woodpulp)

ALFIMOVA, Irina Alekseyevna; BLEKHNER, Polina Moiseyevna; ZAYTSEVA,
Antonina Ivanovna; PASTUKHOV, V.M., nauchnyy red.; ROGACHEV,
P.V., red.; GOROKHOV, Yu.M., tekhn.red.

[Collection of problems in lathe work] Sbornik zadach po
tokarnomu delu. Izd.3., ispr. i dop. Moskva, Vses.uchebno-
pedagog.izd-vo Trudreservizdat, 1959. 194 p. (MIRA 12:7)
(Lathes)

OBESHADKO, Boris Iosifovich; PASTUKHOV, V.M., nauchnyy red.; BOBROVA, T.L., red.; GORYUNOVA, L.K., red.; NESMYSLOVA, L.M., tekhn. red.

[Methodology of teaching machining on lathes] Metodika prepodavaniia tokarnogo dela. Izd.3., perer. i dop. Moskva, Proftekhizdat, 1963. 281 p. (MIRA 16:4)
(Turning)

MIKHAYLOV, Sergey Mikhaylovich; KANYGIN, Viktor Sergeyevich;
PASTUKHOV, V.M., nauchnyy red.; ROGACHEV, P.V., red.;
SUSHKEVICH, V.I., tekhn.red.

[Operational training of lathe operators in plants; methodological
instruction materials] Proizvodstvennoe obuchenie tokarei na
predpriyatiakh; instruktsionno-metodicheskie materialy. Moskva,
Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 101 p.

(MIRA 14:4)

(Turning)

SLEPININ, Vladimir Aleksandrovich; OBSHADKO, Boris Iosifovich; LEVINSON, Semen Yakovlevich [deceased]; PASTUKHOV, V.M., nauchn. red.; GORYUNOVA, L.K., red.; DORODNOVA, L.A., tekhn. red.

[Collection of problems and laboratory exercises for studying machining on lathes] Sbornik zadaniy i laboratornykh rabot po tokarnomu delu. Izd.3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 226 p. (MIRA 14:9)
(Turning--Study and teaching)

FRENKEL', Semen Shmul'yevich; PASTUKHOV, V.M., nauchnyy red.; ROGACHEV,
F.V., red.; SOROKINA, S.L., red.; DORODNOVA, L.A., tekhn. red.

[Laboratory exercises and problems on milling work] Laboratornye
raboty zadachi po frezernomu delu. Moskva, Vses. uchebno-
pedagog. izd-vo Proftekhizdat, 1961. 180 p. (MIRA 15:3)
(Milling machines) (Technical education)

PROKHORENKO, K.K.; SVISTUNOV, A.M. [deceased]; VVEDENSKIY, V.S.; VERKHOV-
TSEV, E.V.; YEMEL'YANENKO, L.M.; KAKONECHNIY, N.P.; PASTUKOV,
V.N.

Improving the technology of smelting and pouring stainless
steel. Vop. proizvod. stali no.9:51-64 '63. (MIRA 16:9)

L 1:577-63

EW P(q)/EWT(m)/BDS

APFTC/ASD

JD/JG

63

ACCESSION NR: AT3002167

S/2921/63/000/009/0051/0064

AUTHORS: Prokhorenko, K. K.; Svistunov, A. M. (deceased); Vvedenskiy, V. S.; Verkhovtsev, E. V.; Yemel'yanenko, Yu. O.; Nakonechnyy, N. F.; Pastukhov, V. N.

TITLE: Technological improvements in melting and pouring of stainless steel 19

SOURCE: AN Ukr RSR. Viddil tekhnichnykh nauk. Voprosy* proizvodstva stali, no. 9, 1963, 51-64

TOPIC TAGS: stainless steel, technological improvement, melting, pouring

ABSTRACT: The old methods of melting and pouring steel are criticized. New procedures used in both processes and the results obtained are described and discussed. The furnace charge used in the improved method of melting consisted of 30-70% scrap steel (stainless carbon steel low in P and carbon ferrochrome). The total content of C, Cr, and Si in the charge was 0.3-0.5%, 17-19%, and 0.4% respectively. Oxygen was blown in under a pressure of 15 atm., after which the metal temperature was raised to 1850-1880C. As a result, the carbon content was lowered to 0.05% and that of Cr to 12.9%. The slag formed was fluid, homogeneous, and contained 48.6% Cr₂O₃. The amount of silicochrome, which was introduced at the end of blowing, was calculated in such a way that the metal contained 3% Si and

Cord 1/2

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ACCESSION NR: AT3002167

1.5% of lime by weight of metal. After 10 minutes 15% (wt) of blooms were introduced for the cooling purposes. The new method provides for the melting of stainless steel containing a minimum of 0.06% carbon by using carbon ferrochrome or a 100% high-chromium scrap (without the use of carbon-free ferrochrome). The improved method of pouring is based on the formation of a slag layer on the open surface of the ingot, preventing metal oxidation in the ingot. Moreover, the liquid slag solidifies on the ingot walls, thus serving as a lubricant that protects the walls. It also dissolves floating nonmetallic inclusions and prevents formation of a coarse crust on the ingot surface by moderating the surface cooling of the metal. Orig. art. has: 4 tables and 4 figures.

ASSOCIATION: none

SUBMITTED: OO

DATE ACQ: 10 May 63

ENCL: OO

SUB CODE: ML

NO REF SOV: 004

OTHER: 001

Card 2/2

66315

~~8 (3, 4), 9 (2, 3)~~ 9.1400

SOV/162-59-1-9/27

AUTHORS: Tereshin, O.N., Pastukhov, V.P.

TITLE: An Improved Method of Measuring Small Discontinuities Without Losses

PERIODICAL: Nauchnyye doklady vysshey shkoly, Radiotekhnika i elektronika, 1959, Nr 1, pp 73-82

ABSTRACT: The authors describe a method for measuring small discontinuities in superhigh frequency transmission lines and their elements, located between a generator and a load. The existing methods of measuring discontinuities are either labor-consuming [Ref 1] or require complicated and expensive equipment [Ref 2] which is not suitable for mass production conditions. The method suggested by the authors is based on the known method of a short-circuiting plunger, but it is simpler and provides a sufficiently high accuracy of the measurements. The presentation of the value to be measured was simplified. A compensation of the basic displacement of the field was introduced. This resulted

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66315

SOV/162-59-1-9/27

An Improved Method of Measuring Small Discontinuities Without Losses

in a considerable reduction of the time required for measuring the coefficient of discontinuity reflection without losses and for uncoupling the oscillator from the measuring circuit. The authors developed a device for measuring discontinuities without losses, shown by a photograph in Fig 6. A block diagram of the measuring arrangement is shown in Fig 7. This device may be easily manufactured by radio plants and may be used in combination with other standard instruments for testing radio equipment. The device is easily operated and shows the advantages of the improved method with compensation of the field displacement over the known method of the short-circuiting plunger without compensation. The authors developed the measuring instrument for the decimeter wave range. The method of measuring small discontinuities without losses may also be used with various other instruments of different designs and is not confined to the device developed by

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66315

SCV/162-59-1-9/27

An Improved Method of Measuring Small Discontinuities Without Losses

the authors. Especially for fixed frequencies, or frequencies within a narrow range (which is frequently found in plant practice), ferrites may be used. Electrical methods may substitute the mechanical displacement and the compensation of this displacement. However, the equipment becomes more complicated, is more expensive and requires more qualified handling. There are 1 photograph, 3 block diagrams, 4 graphs and 2 Russian references.

ASSOCIATION: Kafedra antennykh ustroystv i rasprostraneniya radiovoln Moskovskogo energeticheskogo instituta
(Chair of Antennas and Radio Wave Propagation of the Moscow Power Engineering Institute)

SUBMITTED: December 30, 1957

Card 3/3

TERESHKIN, O.N.; PASTUKHOV, V.P.

Improved method for the measurement of small heterogeneities
having no losses. Nauch.dokl.vys.shkoly; radiotekh.i elektron.
no.1:73-82 '59. (MIRA 12:10)

1. Kafedra antennykh ustroystv i rasprostraneniya radiovoln
Moskovskogo energeticheskogo instituta.
(Electronic measurements) (Electric networks)

PASTUKHOV, YA. F.

AID P - 2484

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 13/19

Authors : Sukhova, M. N., Pastukhov, Ya. F., Gladkikh, A. N.,
Smetleva, A. G. ~~XXXXXXXXXXXXXXXXXXXX~~

Title : Organization of outdoor cesspools to prevent the
procreation of flies

Periodical : Gig. i san., 7, 48-50, J1 1955

Abstract : Discusses the efficient arrangement of cesspools in
localities without sewage system and the preventive
measures against blue flies (*Calliphora uralensis* Vill.)
which develop in moderate climatic zones. Diags.,
5 refs. (1937-1953)

Institution: Institute of General and Municipal Hygiene Acad. of Med.
Sci., USSR; Medical and Epidemiological Station, Kalinin
District, Moscow; 3rd Disinfection Division, Moscow City
Disinfection Station; Central Control and Research
Laboratory, Moscow City Disinfection Station.

Submitted : Aug. 3, 1954

PASTUKHOV, YE. G.

USSR/Chemistry - Agricultural chemicals

FD-1799

Card 1/1 Pub 50-3/19

Author : Pastukhov, Ye. G. *

Title : The collective of the Konstantinovskiy Chemical Plant in the fight for the completion of the Five-Year Plan ahead of time

Periodical : Khim. prom., No 2, pp 72-74 (8-10), Mar 1955

Abstract : Describes improvements in the production of superphosphate, sodium fluorosilicate, barium fluoride, and sodium sulfide at the Konstantinovskiy Chemical Plant. One table.

Institution: Konstantinovskiy Chemical Plant (*Director of)

SERYABIN, N.P.; TROFIMOV, G.K.; KOCHETOV, I.M.; BARYSHNIKOV, P.A.;
ANAN'IN, K.I.; SHKURKO, I.M.; MINTS, B.M.; PASTUKHOV, Ye.S.; ZHELNIN, P.P.

Greater efficiency in grooving and the mechanization of rolling
on the 500 and 280 mills. Metallurg 6 no.12:23-27 D '61.

(MIRA 14:11)

1. Omutninskiy metallurgicheskiy zavod i Ural'skiy institut
chernykh metallov.

(Rolling mills—Equipment and supplies)

BASKILOVICH, I.A.; KOMISSAROV, I.G.; PASTUKHOV, Ye.I.

Two-unit mechanized clay plant. Biul.nauch.-tekhn.inform.VIMB
no.1:61-63 '60. (MLTA 1545)

1. Trest "Mosbassuglegeologiya".
(Clay) (Drilling fluids)

BASKILOVICH, I.A.; KOMISSAROV, I.G.; PASTUKHOV, Ye.T.

Mechanized clay mud processing shop in two units. Rasved. 1
okh. nedr 26 no. 1:53-54 Ja '60. (MIRA 13:12)

1. Trest Mosbassuglegologiya.
(Drilling fluids)

DOLINSKIY, A., kand. tekhn. nauk; PASTUKHOV, Yu., aspirant

Laboratory investigation of the ultimate strength and the critical load on a pile. Mor. flot 23 no.7:32-34 JI '63.
(MIRA 16:8)

1. Nachal'nik laboratorii issledovaniya konstruktsiy portovykh gidrotekhnicheskikh sooruzheniy Leningradskogo instituta po proyektirovaniyu morskikh portov i sudoremontnykh predpriyatiy (for Dolinskiy).

PASTUKHOV, Yu. N.

Calculating threaded bases with a screw pitch not equal to the
screw pitch of the part. Avt. prom. 28 no.6:38 Je '62.
(MIRA 16:4)

1. Yaroslavskiy motornyy zavod.

(Screw threads—Testing)

PASTUKHOVA, A.

KOZLOV, Pavel Vasil'yevich; MEZENTSEV, Vladimir Andreyevich; PETROVA, S.,
red.; PASTUKHOVA, A., red.; TROYANOVSKAYA, N., tekhn.red.

[Wonderful story; the first step toward meeting the needs of
the people] Chudesnaia byl'; novyi shag k udovletvoreniiu
potrebnoستي naroda. Moskva, Gos.izd-vo polit.lit-ry, 1958.
66 p. (MIRA 12:5)

(Synthetic products)

PASTUKHOVA, A., inzhener; L'VOV, B., inzhener.

Wire resistance wound on glass-fiber coil forms for relay-type
controllers used in automobile electric systems. Izobr. v SSSR
2 no.6:12-13 Je '57. (MLRA 10:8)
(Automobiles--Electric equipment) (Electric wire)

PASTUKHOV, I.

Control and old. Loan, 2000. 1. 9. 28. 29. 1. 1.

1. Predsedatel' i chleny' natsional'nogo komiteta Vsesoyuznogo zdaniya i razvitiya
nogo obshchestva sodeystviya armii, aviatsii i flotu, 1970.

KOROLENKO, TS. P., assistant; OSIPOVICH, V. V., mladshiy nauchnyy sotrudnik; Prinimala uchastiye: PASTUKHOVA, E. S., teknik-laborant

Study of thyroid gland function by the radioactive iodine 131 method in acrichine "psychosis" in animals. Trudy Novosib. gos. med. inst. 37:179-183 '61. (MIRA 15:6)

1. Novosibirskiy nauchno-issledovatel'skiy sanitarnyy institut (direktor starshiy nauchnyy sotrudnik Ye. M. Gorbachev) (for Osipovich).

(THYROID GLAND) (QUINACRINE—TOXICOLOGY)
(PSYCHOSES) (IODINE—ISOTOPES)

PASTUKHOVA, G.F.

Long-range flood prediction by the use of atmospheric circulation
indices. Meteor. i gidrol. no.2:42-43 F '61. (MIRA 14:1)
(Azerbaijan Floods) (Meteorology)

Pastukhova, G.M.

PASTUKHOVA, G.M.

Serological typing of yphus cases through complement fixation. Zhur.
mikrobiol.epid, 1 immun. 28 no.8:99-101 Ag '57. (MIRA 11:2)

1. Iz kliniki infektsionnykh bolezney Sverdlovskogo meditsinskogo
instituta.

(TYPHUS, diagnosis,
complement fixation (Rus))

pastukhova, G.M.

PASTUKHOVA, G.M.

Epidemiological characteristics of primary and secondary typhus.
Zhur.mikrobiol.epid. i immun. 28 no.9:91-95 S '57. (MIRA 10:12)

1. Iz kliniki infektsionnykh bolezney Sverdlovskogo meditsinskogo
instituta.

(TYPHUS, epidemiology,
primary & secondary (Rus))

PROCESSING AND PROPERTIES	
Purification of zinc sulfate solutions: eliminating cobalt as xanthate. B. V. Gromov and A. D. Pastukhova, <i>Trudy Metal.</i> 19, No. 3, 21-4(1948).-- The method is an adaptation of the Cambi method (C.I. 33, 7667). Co, present in solns. in $ZnSO_4$, in the bivalent state, is oxidized to the trivalent state and pptd. with K butylxanthate. The oxidation is by air in the presence of Cu acting as O carrier. The pptn. is carried out at pH 5.5-5.6 adjusted by adding CaO or ZnO to raise the pH. $CuSO_4$ (approx. 40 mg./l.) is supplied in the form of the overflow from a Dorr thickener in the Zn refinery. The optimum temp. is 38-40°. The needed ratio of xanthate to Co is 23:1. $ZnSO_4$ solns. contg. 30-35 mg. l. of Co were freed of an av. of 87% of the Co. The purified $ZnSO_4$ soln. was electrolyzed to produce Zn. To eliminate the deleterious effect of xanthate on electrolysis it was pptd. with $CuSO_4$ (20-25% of thickener overflow) and the excess Cu and Cd were pptd. with Zn dust. M. Hosh	4
ADD-55A METALLURGICAL LITERATURE CLASSIFICATION	

PASTUKHOVA, I. A.; VOROZHTSOVA, V. G.

Use of the vacuum extractor at the Pskov Maternity Home and its influence on the physical development of children. Akush. i gin. no.3:13-15 '61. (MIRA 14:12)

1. Iz Pskovskogo roditel'nogo doma (glavnyy vrach M. M. Lebedeva).
2. Glavnyy akusher-ginekolog Pskovskogo oblazdravotdela (for Pastukhova)
3. Zamestitel' glavnogo vracha po lechnoy chasti Pskovskoy detskoj gorodskoy bol'nitsy (for Vorozhtsova).

(OBSTETRICS--APPARATUS AND INSTRUMENTS)

PASTUKHOVA, I.A. (Pskov)

Work of the senior district midwife in Pskov Province. Fel'd. i
akush. 26 no.5:40-42 My '61. (MIRA 14:5)
(PSKOV PROVINCE--MIDWIVES)

USSR.

✓ The catalytic process in solution and the preparation of a new intermediate product. G. A. Bogdanov and A. I. Pastukhova. *Zhet. Fiz. Khim.* 27, 1558-59 (1953); *Chem. Abstr.* 48:1231. The mutual effect was studied of NiSO_4 and Na_2WO_4 on the decompn. of H_2O_2 at various pH values, temps., and concns. of substrate and catalysts. The reaction rate, measured gasometrically, decreased to a min. at pH 2.9, rose to a max. at pH 2.6, then decreased again as pH decreased further. The temp. coeff. of rate and the activation energy in all observed conditions were 2.3 and 15.6 kcal./mole, resp. The reaction rate is const. over a considerable range of temps. and concns.; this indicates the presence of an active intermediate product. The final decompn. of the active product is a unimol. process. The active product presd. from NiSO_4 , Na_2WO_4 , and H_2O_2 by 2 methods, corresponds to $\text{NiWO}_4 \cdot 11\text{H}_2\text{O}$, a dark-green salt, m. below 25° to a dark-green, oily liquid, heavier than water and immiscible with abs. or aq. H_2O . Its oxidizing activity is much greater than that of most monoperoxy salts.

J. W. Lounsbury, Jr.

①

gas

3

PASTUKHOVA, A. I.

(The theory of the simultaneous action of catalysts in solution. IV. Kinetics for the catalysis hydrogen peroxide in the presence of silver nitrate + sodium tungstate. G. A. Bogdanov and A. I. Pastukhova. *Zhur. Fiz. Khim.* 28, 1450-3 (1954); *Chem. Abstr.* 49, 8494d. The catalytic decomposn. of H_2O_2 was studied for solns. of different pH values. The reaction is not catalyzed by $AgNO_3$ in an acid or a neutral soln. But the addn. of $AgNO_3$ to Na_2WO_4 greatly increases the rate of catalysis and changes the order of the reaction. The catalysis of the decomposn. of H_2O_2 in the presence of $AgNO_3$ and Na_2WO_4 is accomplished by a Ag sol and the intermediate products. The reaction that is thus catalyzed is of the 1st. order. The kinetic analysis leads to the conclusion that a general intermediate product of the peroxide type, is formed composed of Ag, W, and O. A new peroxide, Na_2WO_4 , was isolated. It decomps. readily at room temp. J. Rovtar Leach

PASTUKHOVA, A. I.

Battelle Technical Review
July, 1954
Chemistry Physical

② 7
9373* Investigation of the Catalytic Process in a Solution and Obtaining a New Intermediate Product. (Russian.) G. A. Bogdanov and A. I. Pastukhova. Zhurnal Fizicheskoi Khimii, v. 27, no. 10, Oct. 1953, p. 1558-1563. Joint reaction of NiSO_4 and Na_2WO_4 on H_2O_2 , decomposition under various conditions of pH, temperature, substrate concentration and catalysts. Graphs, table 1 and 2.

16-12-54
mk